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1  
of nine or ten amino acid residues that were expected to be capable of binding to HLA-A0201 were searched on internet using a software of NIH BIMAS. Those examples of the searched peptides are shown in SEQ ID NOs: 25-52. These peptides were synthesized at Biologica Co. by the Fmoc method.

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IN THE CLAIMS

Please amend the following claims:

19. (Three Times Amended) An isolated polynucleotide corresponding to a tumor antigen peptide, said tumor antigen peptide being a peptide (fragment) of

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(i) the protein which is encoded by the polynucleotide of claim 32, or

(ii) the protein which is produced by the process of claim 5, wherein said tumor antigen peptide binds to an HLA antigen and is recognized by cytotoxic T lymphocytes.

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32. (Twice Amended) An isolated polynucleotide selected from the group consisting of:

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(a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:1, and

(b) a polynucleotide comprising the nucleotide sequence from nucleotide 12 to nucleotide 2900 of SEQ ID NO:1,

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wt wherein said polynucleotide of (a) and (b) encodes a tumor antigen protein which gives rise to tumor antigen peptide(s) that bind(s) to an HLA antigen and are recognized by cytotoxic T lymphocytes.

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33. (Amended) An isolated recombinant polynucleotide  
38 comprising the polynucleotide of claim 19.

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Attached hereto is a marked up version showing the changes made to the application by this Reply.